



## Rolling Down the Number Line: Fraction Edition with Sphero Mini

### Materials:

- Charged Sphero Mini
- Access to SpheroEdu app
- Personal device
- Large flat surface
- Masking/painters tap
- Markers
- Bowling pin accessories (if possible assign each student a color)
- Crayons
- Fractions worksheet

**Required Teacher Technology Skills:** Sphero Mini, Sphero Edu

**Description:** In this activity students will use the Sphero Mini to practice fractions. They will do this by rolling their robot to the assigned fraction on the number line.

**Standards:** NY-3.NF: Develop an understanding of fractions as numbers, 1 and 2

### Procedure:

1. Using the tape create a numberline on the flat surface.
2. Label the number line in even increments 1-10.
3. In between each number mark and label quarter and third marks.  
-Tip- If possible use different colored tape for quarter marks. If different colored tape is not possible make sure to clearly label  $\frac{1}{4}$  and  $\frac{1}{3}$ .
4. Have the students sign into SpheroEdu and power up their Sphero Mini's
5. Using the drive or draw mode have the students complete the attached worksheet.

### Extension Activity:

1. Students can begin to express whole numbers as fractions.



2. Students can be using to add or subtract fractions.

Rolling Down the Number Line (Fraction edition)

1. Using draw or drive mode, roll your Sphero Mini to the following fractions on the number line. Once you have arrived, place a bowling pin on your answer.
2. Once you have placed your pin, color in the box for that fraction.



# Teq<sup>®</sup>-tivities

$\frac{1}{2}$	$\frac{3}{3}$	$\frac{4}{4}$	$\frac{3}{4}$	$\frac{1}{3}$
$\frac{2}{4}$	$\frac{4}{2}$	$\frac{2}{3}$	$\frac{1}{4}$	$\frac{4}{3}$